

Civil Construction Technology (3 Years / 6 Semesters)

Civil Construction Technology is a skill-based undergraduate program focused on building construction, surveying, estimation, concrete technology, CAD, project management, and industrial training. Most universities follow a 6-semester structure with theory, practical, internships, and projects.

Semester I

Subject Code	Subject Name
BVCCT101	Communication Skills
BVCCT102	Engineering Mathematics
BVCCT103	Engineering Physics
BVCCT104	Construction Materials – I
BVCCT105	Building Construction – I
BVCCT106P	Construction Materials Lab
BVCCT107P	Engineering Drawing Lab
BVCCT108P	Workshop Practice

Semester II

Subject Code	Subject Name
BVCCT201	Building Construction – II
BVCCT202	Estimating & Costing – I
BVCCT203	Surveying – I
BVCCT204	Environmental Science
BVCCT205	Construction Materials – II
BVCCT206P	Construction Materials Lab

Subject Code	Subject Name
BVCCT207P	Civil Engineering Drawing Lab
BVCCT208P	Surveying – I Lab
BVCCT209P	Industrial Training – I

This semester commonly includes Building Construction, Estimation, Surveying, Environmental Science, and related practicals.

Semester III

Subject Code	Subject Name
BVCCT301	Concrete Technology
BVCCT302	RCC Design – I
BVCCT303	Surveying – II
BVCCT304	Strength of Materials
BVCCT305	Fluid Mechanics
BVCCT306P	Concrete Technology Lab
BVCCT307P	CAD Lab
BVCCT308P	Surveying – II Lab
BVCCT309P	Strength of Materials Lab
BVCCT310P	Hydraulics Lab

The third semester generally covers concrete technology, RCC design, surveying, and material testing laboratories.

Semester IV

Subject Code	Subject Name
BVCCT401	Structural Analysis
BVCCT402	RCC Design – II
BVCCT403	Steel Structures
BVCCT404	Geotechnical Engineering
BVCCT405	Quantity Surveying
BVCCT406P	Structural Analysis Lab
BVCCT407P	Soil Mechanics Lab
BVCCT408P	CAD & BIM Lab
BVCCT409P	Industrial Training – II

Semester V

Subject Code	Subject Name
BVCCT501	Construction Management
BVCCT502	Transportation Engineering
BVCCT503	Water Supply Engineering
BVCCT504	Estimation & Costing – II
BVCCT505	Project Planning & Scheduling
BVCCT506P	Transportation Engineering Lab
BVCCT507P	Water Supply Engineering Lab
BVCCT508P	Mini Project

Semester VI

Subject Code	Subject Name
BVCCT601	Advanced Construction Technology
BVCCT602	Green Building Technology
BVCCT603	Contracts & Tendering
BVCCT604	Entrepreneurship Development
BVCCT605	Quality Control & Safety Management
BVCCT606P	Major Project
BVCCT607P	Industrial Internship
BVCCT608P	Viva Voce